AUTHOR INDEX, VOLUME 6, 1992

Alsina C, 525-533
Berenji HR, 267-292
Bezdek JC, 83, 85-107, 293
di Nola A, 33-44
Dubois D, 295-319
Durham SD, 67-81
Hayashi I, 241-266
Jani Y, 151-184
Keller JM, 221-240
Klein CM, 45-66
Lea RN, 151-184
Lowrance JD, 401-424
Narendra KS, 109-131
Nomura H, 241-266
Parthasarathy K, 109-131
Pearl J, 425-443
Pedrycz W, 33-44
Prade H, 295-319
Provan GM, 389-399
Ruspini EH, 401-424
Schott B, 481-504
Sessa S, 33-44
Shafer G, 445-480
Shelton RO, 133-149
Sher DB, 505-524
Smets P, 321-344
Smolka JS, 67-81
Strat TM, 401-424
Tahani H, 221-240
Trillas E, 525-533
Tseng TY, 45-66
Valtorta M, 67-81
Villarreal JA, 133-149
Wakami N, 241-266
Wasserman L, 367-375
Werbos PJ, 185-219
Whalen T, 481-504
Wilson N, 345-365, 377-388
Yamasaki H, 241-266
Yen J, 1-31

SUBJECT INDEX, VOLUME 6, 1992

Adaptive control, 185-219, 267
Adaptive critic, 185-219
Approximate consequence, 525-533
Approximate reasoning, 267, 525-533
Autonomous orbital operations, 151-184
Backpropagation, 109-131, 133-149, 185-219
  dynamic, 109-131
Basal ganglia, 185-219
Bayes' rule, 295-319
Bayesian belief functions, 377-388
Bayesian probability, 345-365
Belief, degree of, 1-31
Belief functions, 295-319, 321-344, 367-375, 377-388, 389-399, 425-443, 445-480
Belief model, transferable, 321-344
Belief networks, 67-81
Coherence, 367-375
Conditional information, 425-443
Conditional probability, 525-533
Conditioning, 295-319, 345-365
Control
  adaptive, 185-219, 267-292
  fuzzy logic, 267-292
  fuzzy, 185-219
  intelligent, 185-219
  nonlinear dynamical systems and, 109
Dempster's rule, 67-81, 295-319, 377-388
Dempster-Shafer theory, 1-31, 321-344, 345-365, 367-375, 377-388, 389-399, 401-424, 425-443, 445-480
Diagnostic trees, 67-81
Dynamical systems, neural networks and, 109-131
Entailment, 525-533
Evidence, experimental, 505-524
Evidence combination, 505-524
Evidential reasoning, 295-319, 401-424
  model of, 1-31
Exchangeability, 367-375
Experimental evidence, 505-524
Expert systems, 33-44
  verification and, 67-81
Fault trees, 67-81
Focusing, 295-319
Fuzzy control, 185-219
Fuzzy logic, 221-240, 241-266, 481-504
  control, 151-184, 267-292
  state, 525-533
Fuzzy multicriteria decision making, 45-66
Fuzzy preorder, 525-533
Fuzzy reasoning, 241-266
Fuzzy relation equation, 33-44
Fuzzy sets
  continuous, 1-31
  strong convex, 1-31
Fuzzy weighted averages, 45-66
Identification, nonlinear dynamical systems and, 109-131
If-then rules, 345-365
Implications, residuated, 525-533
Implied conjunction methods, 45-66
Incomplete knowledge, 295-319
Intelligence, neural networks, pattern recognition, and, 85
Intelligent control, 185-219
Interval probability, 505-524
Knowledge representation nonmonotonic reasoning, 425-443
Learning function, 241-266
Likelihood, 295-319
Linguistic ratings, 45-66
Logic
  fuzzy, 151-184, 185-219, 221-240, 241-266, 267-292, 481-504, 525-533
  probabilistic, 505-524
  set, 481-504
Lower probability, 295-319, 345-365, 367-375, 377-388
Membership functions, 241-266
Modus ponens, 481-504
Monte-Carlo algorithms, 377-388
Neural network algorithms, 133-149

Neural networks, 185-219, 221-240, 241-266, 267-292
dynamical systems and, 109-131
pattern recognition, intelligence, and, 85-107
Neurocontrol, fuzzy logic and, 185-219
Numeric ratings, 45-66
Pattern recognition, neural networks, intelligence, and, 85-107
Planning, 185-219
Plausibility, degree of, 1-31
Possibility measure, 295-319
Probabilistic logic, 505-524
Probabilistic reasoning, 67-81
Probability, 295-319, 445-480
Bayesian, 345-365
conditional, 525-533
interval, 505-524
lower, 295-319, 345-365, 367-375, 377-388
upper, 295-319
Probability bounds, 445-480
Probability theory, 389-399, 401-424
Production rules, 33-44
Reasoning
approximate, 267, 525-533
evidential, 1-31, 295-319, 401-424
fuzzy, 241-266
knowledge representation
nonmonotonic, 425-443
probabilistic, 67-81
Regularity, 481-504
Reinforcement learning, 185-219, 267-292
Residuated implications, 525-533
Sandwich principle, 345-365
Sensor fusion, 151-184
Set logic, 481-504
Space-time neural network, 133-149
Statistical consistency, 67-81
Statistical inference, 367-375, 505-524
Stochastic systems, 185-219
t-norms, 525-533
Three prisoners problem, 295-319
Uncertainty modeling, 221-240
Uncertainty representations, 389-399
Updating, 295-319
Upper probability, 295-319
Usuality, 481-504